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(54) Title: BACTERICIDAL, ANTI-APOPTOTIC, PRO-INFLAMMATORY AND ANTI-INFLAMMATORY PEPTIDES OF HEPARIN-BINDING PROTEIN (HBP)

(57) Abstract: The present invention relates to providing new peptide fragments derived from the sequence of heparin-binding protein (HBP) and/or human neutrophil elastase and using said fragments for the manufacture of a medicament for the treatment of Gram positive and/or Gram negative infections. Thus, the peptides of the inventions can be used for treatment of pneumonia and meningitis. The peptides of the invention may also be advantageously used for the treatment of any pathological condition demanding modulating of inflammatory response and/or a condition involving sepsis and/or, disseminated intravascular coagulation. Among other pathological conditions, which may be regarded for the treatment with the peptides of the invention, are conditions involving cell apoptosis.

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